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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/746,841	12/22/2000	Shrikant Acharya	M-8754 US	9328

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EXAMINER
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NGUYEN, KIMNHUNG T.

ART UNIT	PAPER NUMBER
2674	15

DATE MAILED: 03/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/746,841

Applicant(s)

ACHARYA ET AL.

Examiner

Kimnhung Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 11 July 2003.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 22-30, 32-40 and 48 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 22-30 and 32-40 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

### DETAILED ACTION

This applicant has been examined. The claims 22-30, 32-40 and 48 are pending. The examination results are as following.

1. The indicated allowability of claims 22-30 and 48 are withdrawn in view of the newly discovered reference(s) to Mills et al. (US 6,599,147). Rejections based on the newly cited reference(s) follow.

#### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 22-30, 32-34, 40 and 48 are rejected under 35 U.S.C. 102(e) as being anticipated by Mills et al. (US patent 6,599,147).

Regarding claims 22 and 40, Mills et al. disclose in figure 16 and 19, a method for loading a presentation on a handheld computing device comprising a writing image data to a driver (see figure 19, column 8, lines 44-53); invoking the driver to compress the image data (see column 4, lines 65-67); invoking the driver to store the compressed image data in a presentation database (see column 11, lines 17-26); executing control software to transfer the presentation database to the handheld computing device (see

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abstract, see column 15, lines 13-31); and attaching an expansion module (140, see figure 14) to the handheld computing device (200) for displaying the presentation data on an external display (see personal computer, see figure 14), the handheld computing device having an inherent first memory, and the expansion module having a second memory (see column 15, lines 24-30).

Regarding claim 23, Mills et al. disclose, wherein the presentation database is transferred to the first memory (see column 11, lines 13-26).

Regarding claim 24, Mills et al. disclose, wherein database is transferred to the second, wherein the second memory is an extension of said first memory (see column 11, lines 13-26).

Regarding claims 25-30, and 32-34, Mills et al. disclose, wherein the control software is in the first memory, or in the second memory, and executed in the expansion module (see column 16, lines 54-67); the expansion module (100) providing communication between the handheld computing device (200) and the external display (see personal computer, figure 14), and an inherent comprising decoding the image data included in the presentation database and forwarding it to the expansion module, or converting the decoded image data to signals for delivery to an external display device (see figures 14-15).

*Claim Rejections - 35 USC § 103*

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 35-39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mills et al. (US 6,599,147) in view of Kikinis et al. (US 5,522,089).

Mills et al. disclose every feature of the claimed invention, excluding wherein the control interface displayed on the handheld computing device displays a reference to one or more presentation databases such that in response to a user selecting a present database one slides are displayed; or selecting one or more of the displayed slides to be included in a slide show for display on an external display, or rearranging a display order of slides in the slide show by moving a box representing a slide in a first display position to a second display position, and setting the length of the slide show by interacting with a menu provided by the control interface. Kikinis et al. disclose a PDA module with a local CPU comprising the control interface displayed on the handheld computing device displays a reference to one or more presentation databases such that in response to a user selecting a present database one slides are displayed, or selecting one or more of the displayed slides to be included in a slide show (see scrolling list) for display on an external display, a display order of slides in the slide show by moving a box representing a slide in a first

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display position to a second display position, and the slide show by interacting with a menu provided by the control interface (see figures 22A-22D, see column 21, lines 48-57, and column 24, lines 16-46). It would have been obvious to one of ordinary skill in the art at the time the invention was made to utilize the teachings of the menu and selecting one or more of the displayed slides to be included in a slide show (scrolling list) as taught by Kikinis et al. into the handheld computing device of Mills et al. because this would for providing the user scrolls through the list by moving the up/down scroll arrows with pointer device or keyboard, and selecting the number to dial and number name pair is highlighted (see column 22, lines 41-49).

### ***Correspondence***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimnhung Nguyen whose telephone number (703) 308-0425.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **RICHARD A HJERPE** can be reached on **(703) 305-4709**.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D. C. 20231

**Or faxed to:**


**(703) 872-9314 (for Technology Center 2600 only).**

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Hand-delivery response should be brought to: Crystal Park II, 2121 Crystal Drive,  
Arlington, VA Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding  
should be directed to the Technology Center 2600 Customer Service Office whose telephone  
number is (703) 306-0377.

Kimnhung Nguyen  
March 10, 2004



RICHARD HJERPE  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600